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CITRUS

COMMERCIAL CITRUS INVENTORY PRELIMINARY REPORT



August 31, 2000

ALL CITRUS ACREAGE DECREASES TO 832,275

Florida's biennial Commercial Citrus Inventory shows 832,275 acres of citrus as of January 2000. A net decrease of 12,985 acres, two percent, has occurred in the past two years. During 1998 and 1999, plantings totaled 46,531 acres while 59,516 were removed. Total trees at 106.7 million are down less than one percent from the 107.1 million trees in 1998.

Polk County is the leader with 101,484 acres of citrus, followed by Hendry with 99,437 and St. Lucie with 98,899. These three counties comprise over one-third of the citrus acreage in the state. Hendry County continues to lead in total trees and averages 154 trees per acre, 20 percent above the state average of 128 trees per acre. St. Lucie County has 120 trees per acre and Polk has 115. There has been a decline in acreage in 26 of the 33 citrus counties in the past two years.

The Gulf Citrus area of Charlotte, Collier, Glades, Hendry, and Lee counties had only a slight decrease in acreage since the previous census, declining from 179,948 to 178,595. The Gulf area also experienced a loss of 111,900 trees from 27,164,300 trees in 1998 to the current level of 27,052,400.

ORANGE ACREAGE REACHES 665,529

All orange acres increased to 665,529 as of January 2000 compared to 658,390 in 1998. Along with this 1.1 percent increase in acreage there was a 2.1 percent increase in tree numbers. There are currently 87.2 million orange trees compared to 85.4 million trees in 1998. Bearing trees for all oranges are currently 78.7 million trees compared to 78.6 million in 1998. Bearing trees from this census are for use with the 1999-2000 harvest season and include those trees planted in 1996 and earlier years.

Hamlin orange acreage is 217,214, up slightly from the 216,587 acres reported in 1998. Valencias showed a 3.6 percent increase to 325,625 acres, up from 314,310 in the previous census. Navel acreage has decreased 8.2 percent to 23,099 from 25,150 in 1998. A 39.5 percent decrease in Ambersweet oranges from 13,314 acres in 1998 to 8,050 in 2000 was recorded for this survey.

GRAPEFRUIT DECREASES TO 118,145

Grapefruit acreage decreased an additional 2.6 percent from the special grapefruit survey conducted last year to 118,145. Colored varieties decreased 1.8 percent from 71,731 acres in 1999 to 70,437 in 2000. White seedless grapefruit acreage is 44,485, down 3.6 percent from the 46,160 acres in 1999. Seedy grapefruit acreage at 2,385 is down 9.1 percent from 2,623 acres in 1999.

SPECIALTY ACREAGE DECREASED 10.1 PERCENT

Specialty citrus types decreased 10.1 percent to 48,601 in 2000 from 54,053 acres in 1998. Temples continued to decline in acreage. Although acreage decreased, the Sunburst and Fallglo tangerine varieties now comprise 87 percent of the early category. Acreage of the older varieties has dropped over 30 percent since 1998. The Honey variety has increased steadily and accounts for 36 percent of the total tangerine acreage. Tangelo acreage decreased with Orlando, the main variety, down 9.0

percent and Minneola down 7.2 percent over the level of the previous census. Lemon acreage decreased 16.5 percent.

Florida Commercial Citrus Acreage

Census years	Oranges	Grapefruit	Specialty fruit	Total
1966	673,086	103,224	81,772	858,082
1968	713,400	119,883	97,966	931,249
1970	715,806	124,050	101,615	941,471
1972	659,418	124,142	94,459	878,019
1974	642,431	130,326	91,341	864,098
1976	628,567	137,909	85,893	852,369
1978	616,020	136,342	78,873	831,235
1980	627,174	139,944	78,165	845,283
1982	636,864	139,939	71,053	847,856
1984	573,991	134,680	52,694	761,365
1986	466,252	117,845	40,395	624,492
1988	536,737	119,606	41,586	697,929
1990	564,809	125,300	42,658	732,767
1992	608,636	135,166	47,488	791,290
1994	653,370	146,915	53,457	853,742
1996	656,598	144,416	56,673	857,687
1998	658,390	132,817	54,053	845,260
1999	--	121,258	--	--
2000	665,529	118,145	48,601	832,275

Florida Commercial Citrus Acreage Changes Between Censuses

Census years	Two year change		Net change	Total
	Gross loss	New plantings		
1966	NA ^{1/}	NA ^{1/}	NA ^{1/}	858,082
1968	13,910	87,077	+73,167	931,249
1970	26,114	36,336	+10,222	941,471
1972 ^{2/}	82,948	19,496	-63,452	878,019
1974	40,181	26,260	-13,921	864,098
1976	40,518	28,789	-11,729	852,369
1978 ^{2/}	49,127	27,993	-21,134	831,235
1980	25,925	39,973	+14,048	845,283
1982 ^{2/}	51,942	54,515	+2,573	847,856
1984 ^{2/}	159,719	73,228	-86,491	761,365
1986 ^{2/}	185,598	48,725	-136,873	624,492
1988	52,240	125,677	+73,437	697,929
1990 ^{2/}	85,858	120,696	+34,838	732,767
1992	74,704	133,227	+58,523	791,290
1994	45,214	107,666	+62,452	853,742
1996	35,947	39,892	+3,945	857,687
1998	49,325	36,898	-12,427	845,260
2000	59,516	46,531	-12,985	832,275

^{1/} First census via aerial photography in 1966. ^{2/} January freezes in 1971, 1977, 1981, 1982, 1985, and 1986. December freezes in 1983, 1985, and 1989.

2000 Florida Commercial Citrus Inventory
All citrus, number of acres, by variety and year set

Year Set	All Citrus	Oranges					Grapefruit		
		Early	Midseason	Late	Unidentified	Total	White	Colored Seed-	Seedy
Acres									
Pre-1956	33,233	6,386	5,468	15,361	0	27,215	1,350	2,355	765
1956-65	75,121	23,857	10,964	25,494	0	60,315	7,558	1,719	182
1966-75	61,367	11,123	6,387	17,009	1	34,520	12,658	10,777	433
1976	4,851	1,306	533	1,786	0	3,625	263	882	20
1977	6,060	1,786	466	1,846	0	4,098	247	1,556	72
1978	6,196	1,776	464	2,119	1	4,360	210	1,500	34
1979	9,024	3,141	660	3,099	0	6,900	162	1,631	34
1980	8,018	3,215	646	3,064	0	6,925	184	676	17
1981	13,082	6,361	736	3,854	0	10,951	243	1,522	25
1982	14,287	6,631	816	4,338	0	11,785	223	2,048	23
1983	24,096	11,614	1,975	7,552	6	21,147	265	2,009	83
1984	16,197	7,306	822	5,340	0	13,468	304	1,968	4
1985	16,024	7,813	928	5,998	0	14,739	160	632	13
1986	31,397	14,932	1,021	12,347	0	28,300	224	1,746	50
1987	56,386	23,744	2,869	22,598	8	49,219	800	3,850	116
1988	44,885	15,904	2,139	17,981	2	36,026	1,091	4,461	67
1989	62,731	20,613	2,609	26,950	60	50,232	3,630	5,275	90
1990	56,226	16,803	1,886	25,660	145	44,494	3,614	4,569	112
1991	68,721	24,072	2,911	27,764	162	54,909	2,382	6,592	36
1992	61,754	18,433	3,460	25,079	80	47,052	2,628	6,582	85
1993	38,034	10,134	2,408	15,765	67	28,374	1,474	3,375	51
1994	17,947	4,653	1,167	7,474	50	13,344	1,000	1,365	17
1995	20,712	6,887	1,264	9,040	37	17,228	1,318	852	18
1996	16,050	4,271	906	7,521	212	12,910	1,090	693	10
Bearing	762,399	252,761	53,505	295,039	831	602,136	43,078	68,635	2,357
1997	23,345	4,816	1,091	11,983	3,044	20,934	609	504	12
1998	22,870	3,830	1,017	10,507	5,007	20,361	566	759	8
1999	23,661	5,890	1,061	8,096	7,051	22,098	232	539	8
Non-bearing	69,876	14,536	3,169	30,586	15,102	63,393	1,407	1,802	28
Total	832,275	267,297	56,674	325,625	15,933	665,529	44,485	70,437	2,385

2000 Florida Commercial Citrus Inventory
All citrus, number of acres, by variety and year set

Year Set	Grapefruit		Temples	Tangelos	Tangerines					Other Citrus
	Unidentified	Total			Fallglo	Sunburst	Robinson	Dancy	Honey	
Acres										
Pre-1956	1	4,471	952	413	0	0	0	123	49	10
1956-65	0	9,459	1,780	2,112	0	0	91	85	1,064	215
1966-75	0	23,868	987	1,271	0	0	98	55	446	122
1976	0	1,165	10	19	0	0	4	3	23	2
1977	0	1,875	16	22	0	0	6	4	34	5
1978	0	1,744	17	47	0	0	6	4	13	5
1979	0	1,827	33	26	0	0	1	1	225	11
1980	0	877	24	31	0	24	19	5	111	2
1981	0	1,790	67	72	0	68	14	1	77	42
1982	0	2,294	38	55	0	54	9	2	35	15
1983	0	2,357	83	144	0	120	7	6	191	41
1984	0	2,276	54	130	0	158	20	4	71	16
1985	0	805	20	101	0	123	24	10	175	27
1986	0	2,020	156	355	0	227	51	35	207	46
1987	0	4,766	153	713	10	855	90	48	393	139
1988	0	5,619	158	979	21	1,300	129	78	445	130
1989	0	8,995	293	764	282	1,274	167	24	565	135
1990	0	8,295	81	783	445	1,227	125	28	613	135
1991	0	9,010	160	1,064	415	2,196	253	21	548	145
1992	0	9,295	161	965	582	2,133	130	55	1,036	345
1993	0	4,900	156	532	1,036	1,295	302	8	1,006	425
1994	1	2,383	123	271	236	264	54	5	644	623
1995	5	2,193	141	167	76	195	68	0	462	182
1996	12	1,805	92	223	72	213	5	1	455	274
Bearing	19	114,089	5,755	11,259	3,175	11,726	1,673	606	8,888	3,092
1997	280	1,405	86	169	75	148	15	5	401	107
1998	319	1,652	98	92	44	100	1	0	491	31
1999	220	999	71	61	78	74	7	0	257	16
Non-bearing	819	4,056	255	322	197	322	23	5	1,149	154
Total	838	118,145	6,010	11,581	3,372	12,048	1,696	611	10,037	3,246

2000 Florida Commercial Citrus Inventory
All citrus, number of trees, by variety and year set

Year Set	All Citrus	Oranges					Grapefruit		
		Early	Midseason	Late	Unidentified	Total	White	Colored Seed-	Seedy
1,000 trees									
Pre-1956	2,975.3	558.1	503.2	1,430.9	0.0	2,492.2	111.9	178.2	60.7
1956-65	7,374.9	2,278.9	1,149.9	2,612.1	0.0	6,040.9	620.9	148.9	16.7
1966-75	6,648.1	1,300.4	758.6	1,999.3	0.1	4,058.4	1,172.4	1,035.0	39.3
1976	539.2	141.8	65.1	216.6	0.0	423.5	23.2	84.2	1.7
1977	664.9	198.7	54.7	212.6	0.0	466.0	25.6	156.5	6.9
1978	677.7	201.5	52.5	241.5	0.2	495.7	21.8	147.3	3.1
1979	1,019.1	356.5	79.9	379.0	0.0	815.4	16.6	154.0	3.2
1980	949.9	370.6	77.4	379.7	0.0	827.7	19.9	70.0	1.5
1981	1,522.7	739.6	93.1	470.1	0.0	1,302.8	25.2	153.6	2.3
1982	1,645.5	767.9	104.4	528.1	0.0	1,400.4	20.9	198.7	2.2
1983	2,859.7	1,370.2	244.4	931.2	1.1	2,546.9	26.6	206.5	9.3
1984	1,950.3	877.8	102.7	661.9	0.0	1,642.4	28.6	222.7	0.4
1985	2,067.4	971.5	115.0	819.6	0.0	1,906.1	16.0	73.5	1.3
1986	4,144.2	1,950.5	130.2	1,686.5	0.0	3,767.2	23.0	199.9	5.2
1987	7,449.2	3,119.9	374.1	3,076.9	0.7	6,571.6	81.0	445.8	11.7
1988	6,083.6	2,175.1	287.1	2,531.2	0.5	4,993.9	122.7	507.7	7.0
1989	9,040.6	3,048.2	362.7	4,042.7	6.8	7,460.4	414.3	636.1	9.2
1990	8,106.0	2,342.7	264.4	3,944.0	17.8	6,568.9	411.2	554.3	11.1
1991	9,725.1	3,381.5	386.0	4,153.4	22.8	7,943.7	267.2	820.5	3.6
1992	8,613.3	2,505.4	485.7	3,662.4	11.7	6,665.2	311.2	816.9	9.0
1993	5,502.6	1,412.7	374.0	2,287.9	8.9	4,083.5	178.8	459.8	4.6
1994	2,618.5	627.7	194.7	1,121.1	8.5	1,952.0	118.6	183.2	1.6
1995	2,897.1	943.8	160.1	1,306.8	5.1	2,415.8	151.3	111.3	1.6
1996	2,311.6	584.8	129.5	1,133.1	33.0	1,880.4	126.4	87.7	0.7
Bearing	97,386.5	32,225.8	6,549.4	39,828.6	117.2	78,721.0	4,335.3	7,652.3	213.9
1997	3,120.1	645.0	140.6	1,602.1	421.9	2,809.6	70.4	62.4	1.0
1998	3,051.7	507.4	141.5	1,414.4	676.6	2,739.9	55.3	100.2	0.8
1999	3,120.4	774.6	139.0	1,080.2	935.8	2,929.6	22.9	61.8	0.8
Non-bearing	9,292.2	1,927.0	421.1	4,096.7	2,034.3	8,479.1	148.6	224.4	2.6
Total	106,678.7	34,152.8	6,970.5	43,925.3	2,151.5	87,200.1	4,483.9	7,876.7	216.5

2000 Florida Commercial Citrus Inventory
All citrus, number of trees, by variety and year set

Year Set	Grapefruit		Temples	Tangelos	Tangerines					Other Citrus
	Unidentified	Total			Fallglo	Sunburst	Robinson	Dancy	Honey	
1,000 trees										
Pre-1956	0.1	350.9	86.2	31.3	0.0	0.0	0.0	9.7	3.9	1.1
1956-65	0.0	786.5	183.6	195.8	0.0	0.0	10.1	7.9	123.9	26.2
1966-75	0.0	2,246.7	113.8	140.4	0.0	0.0	12.0	5.5	52.7	18.6
1976	0.0	109.1	0.9	2.0	0.0	0.0	0.4	0.3	2.9	0.1
1977	0.0	189.0	1.6	3.0	0.0	0.0	1.0	0.3	3.4	0.6
1978	0.0	172.2	1.7	4.6	0.0	0.0	0.8	0.4	1.6	0.7
1979	0.0	173.8	2.9	3.3	0.0	0.0	0.1	0.2	21.7	1.7
1980	0.0	91.4	2.5	3.3	0.0	3.9	1.9	0.5	18.5	0.2
1981	0.0	181.1	7.2	7.5	0.0	7.6	1.8	0.1	9.8	4.8
1982	0.0	221.8	4.1	5.3	0.0	7.0	1.1	0.2	4.1	1.5
1983	0.0	242.4	9.7	16.8	0.0	14.5	1.1	0.6	22.7	5.0
1984	0.0	251.7	6.3	15.4	0.0	20.4	2.0	0.3	10.0	1.8
1985	0.0	90.8	2.2	13.3	0.0	16.4	3.3	1.3	30.0	4.0
1986	0.0	228.1	19.9	44.9	0.0	34.1	7.6	3.9	30.9	7.6
1987	0.0	538.5	17.6	101.0	1.6	125.8	11.1	5.1	57.7	19.2
1988	0.0	637.4	18.8	132.4	3.2	183.9	22.0	11.8	57.7	22.5
1989	0.0	1,059.6	35.4	105.7	44.6	197.1	23.4	3.4	95.5	15.5
1990	0.0	976.6	9.7	118.6	75.4	203.7	16.9	3.0	109.4	23.8
1991	0.0	1,091.3	17.8	140.0	71.4	334.6	27.9	2.8	76.5	19.1
1992	0.0	1,137.1	19.9	130.7	93.7	318.8	17.4	6.1	163.3	61.1
1993	0.0	643.2	19.5	74.1	169.3	208.8	50.0	0.8	174.1	79.3
1994	0.1	303.5	29.7	34.5	40.5	40.8	8.1	0.5	111.3	97.6
1995	0.5	264.7	26.6	23.4	12.5	31.1	11.3	0.1	80.8	30.8
1996	1.9	216.7	11.4	34.9	12.1	36.0	1.0	0.3	74.0	44.8
Bearing	2.6	12,204.1	649.0	1,382.2	524.3	1,784.5	232.3	65.1	1,336.4	487.6
1997	31.2	165.0	11.7	22.3	11.8	21.9	2.3	0.5	62.2	12.8
1998	31.9	188.2	18.0	11.1	6.7	15.1	0.2	0.0	68.4	4.1
1999	25.8	111.3	7.8	6.2	11.5	10.4	1.2	0.0	40.2	2.2
Non-bearing	88.9	464.5	37.5	39.6	30.0	47.4	3.7	0.5	170.8	19.1
Total	91.5	12,668.6	686.5	1,421.8	554.3	1,831.9	236.0	65.6	1,507.2	506.7

Florida Commercial Citrus Inventory
Acreage and tree numbers, by county and year of inventory

County	1994	1996	1998	2000	1994	1996	1998	2000
ACRES					1,000 TREES			
Brevard	11,663	11,569	10,715	10,045	1,219.4	1,197.4	1,114.3	1,054.2
Broward	246	108	99	58	18.9	9.4	9.5	5.2
Charlotte	19,995	21,183	21,522	21,756	2,695.2	3,062.4	3,171.8	3,201.3
Citrus	233	242	258	247	24.2	25.1	26.5	26.1
Collier	36,534	36,583	35,655	35,302	5,310.0	5,331.6	5,251.0	5,208.7
Dade	1,668	2,618	2,792	^{1/} 1,000	290.4	440.8	470.9	^{1/} 173.3
DeSoto	62,407	66,182	67,192	71,781	7,975.5	8,541.7	8,752.4	9,369.6
Glades	9,270	9,402	10,776	10,506	1,326.0	1,422.6	1,683.8	1,691.7
Hardee	54,211	52,578	52,340	53,115	5,879.1	5,838.9	5,928.7	6,116.5
Hendry	98,604	99,770	100,124	99,437	14,964.0	15,353.1	15,408.5	15,324.9
Hernando	1,109	1,114	1,101	1,105	133.3	135.0	133.7	134.1
Highlands	74,035	76,586	75,909	78,132	9,085.7	9,862.9	9,949.3	10,354.5
Hillsborough	27,739	28,236	27,428	26,223	2,814.4	2,970.4	2,918.1	2,828.9
Indian River	69,240	66,561	64,138	60,293	7,145.0	7,145.1	6,945.6	6,583.6
Lake	21,053	21,468	20,864	20,101	2,776.1	2,862.0	2,815.0	2,736.5
Lee	12,238	12,155	11,871	11,594	1,602.4	1,641.3	1,649.2	1,625.8
Manatee	23,940	24,200	23,807	23,254	2,775.7	2,865.5	2,876.5	2,841.4
Marion	1,138	1,147	1,181	1,245	139.2	141.4	147.9	154.8
Martin	48,221	47,090	46,439	44,746	6,232.7	6,365.7	6,323.1	6,191.2
Okeechobee	11,270	12,206	12,244	12,170	1,261.1	1,459.9	1,487.6	1,487.1
Orange	10,402	10,029	9,188	8,095	1,202.4	1,180.6	1,101.1	989.3
Osceola	15,654	15,404	15,535	15,273	1,638.5	1,647.6	1,696.6	1,695.8
Palm Beach	12,885	12,746	10,617	10,090	1,629.8	1,674.7	1,418.2	1,361.2
Pasco	11,555	11,567	11,360	10,897	1,484.2	1,506.0	1,488.5	1,435.4
Pinellas	248	211	168	50	20.7	17.7	15.1	5.6
Polk	104,007	103,884	102,457	101,484	11,290.3	11,527.7	11,620.6	11,666.7
Putnam	122	123	191	212	21.0	21.1	31.6	36.0
St. Lucie	108,448	107,224	103,894	98,899	12,196.9	12,275.0	12,109.7	11,837.8
Sarasota	2,516	2,414	2,332	2,321	272.7	263.4	253.9	254.5
Seminole	1,462	1,412	1,411	1,378	145.6	141.5	142.5	142.5
Volusia	1,453	1,502	1,477	1,430	137.2	144.9	144.4	139.9
Other Counties ²	176	173	175	36	24.8	24.4	24.6	4.6
Total	853,742	857,687	845,260	832,275	103,732.4	107,096.8	107,110.2	106,678.7

^{1/} Dade Lime data as of August 1, 2000.

^{2/} Flagler and Sumter for 1994-1998. Sumter only 2000.

Florida Commercial Citrus Inventory
Acreage and tree numbers, by variety and year of inventory

Variety	1994	1996	1998	2000	1994	1996	1998	2000
ACRES					1,000 TREES			
ORANGES:								
Hamlin	211,705	216,157	216,587	217,214	26,036.6	26,994.6	27,288.8	27,632.3
Navel	25,362	26,434	25,150	23,099	3,096.3	3,295.7	3,174.2	2,922.2
Ambersweet	15,041	15,704	13,314	8,050	2,158.6	2,283.0	1,928.3	1,117.9
Other early	19,001	19,886	19,520	18,934	2,306.1	2,522.7	2,521.3	2,480.4
Pineapple	58,217	55,616	53,266	50,397	6,745.6	6,594.9	6,380.1	6,128.4
Other mids	4,181	4,704	5,041	6,277	438.6	597.4	663.0	842.1
Valencia	300,704	307,878	314,310	325,625	38,093.6	40,384.2	41,952.9	43,925.3
Unidentified	19,159	10,219	11,202	15,933	2,739.0	1,482.9	1,522.0	2,151.5
Total Oranges	653,370	656,598	658,390	665,529	81,614.4	84,155.4	85,430.6	87,200.1
GRAPEFRUIT:								
Seedy	4,879	4,458	3,427	2,385	404.5	381.4	299.2	216.5
White seedless	56,320	55,802	51,641	44,485	5,275.1	5,419.2	5,127.3	4,483.9
Colored seedless	80,422	81,348	76,025	70,437	8,657.2	8,947.1	8,453.4	7,876.7
Unidentified	5,294	2,808	1,724	838	667.2	369.2	199.2	91.5
Total Grapefruit	146,915	144,416	132,817	118,145	15,004.0	15,116.9	14,079.1	12,668.6
SPECIALTY:								
Temples	7,222	6,808	6,454	6,010	746.5	713.3	723.8	686.5
Orlando Tangelos	9,709	9,432	8,579	7,809	1,150.5	1,137.5	1,046.1	951.5
Minneola Tangelos	3,285	3,296	3,187	2,959	382.0	397.6	388.9	360.1
Other Tangelos	1,106	994	902	813	149.5	134.1	121.7	110.2
K-Early Citrus		353	279	212		42.9	34.8	27.7
Sunburst Tangerines	11,867	12,929	12,693	12,048	1,791.9	1,971.4	1,937.7	1,831.9
Robinson Tangerines	3,139	3,388	2,613	1,696	442.4	478.7	366.3	236.0
Dancy Tangerines	1,602	1,358	909	611	163.0	142.7	95.8	65.6
Honey Tangerines	7,838	8,976	9,533	10,037	1,109.8	1,340.4	1,435.6	1,507.2
Fallglo Tangerines		3,769	3,686	3,372		635.3	617.4	554.3
Limes	2,235	3,035	2,827	*1,018	344.1	483.3	476.4	176.3
True Lemons	536	1,029	968	904	89.5	172.4	166.4	155.0
Meyer Lemons	79	79	204	75	15.3	15.3	33.1	14.5
Other Citrus	4,839	1,227	1,219	1,037	729.5	159.6	156.5	133.2
Total Specialty	53,457	56,673	54,053	48,601	7,114.0	7,824.5	7,600.5	6,810.0
Total Citrus	853,742	857,687	845,260	832,275	103,732.4	107,096.8	107,110.2	106,678.7

*As of August 1, 2000.

Florida Commercial Citrus Inventory
All citrus, number of acres, by area and year of inventory

Area	Oranges		Grapefruit		Specialty types		Total	
	1998	2000	1998	2000	1998	2000	1998	2000
ACRES								
Indian River	90,955	89,693	90,760	82,993	9,772	9,206	191,487	181,892
Northern	37,526	35,808	1,803	1,627	7,105	6,606	46,434	44,041
Central	163,859	168,252	12,733	10,406	15,151	14,157	191,743	192,815
Western	161,139	166,033	5,399	4,597	6,729	6,114	173,267	176,744
Southern	204,911	205,743	22,122	18,522	15,296	12,518	242,329	236,783
Total	658,390	665,529	132,817	118,145	54,053	48,601	845,260	832,275

CITRUS INVENTORY PROCEDURES

This biennial inventory, the eighteenth in a series which began in January 1966, was conducted using current aerial photography. Aerial photos of the 14,000 square miles covering virtually all of Florida's citrus were taken during a four month period beginning the first of November 1999.

The inventory procedure starts with a complete mapping and indexing of all citrus plantings onto scaled photo enlargements from the previous census. Aided by stereoscopic viewing, the current aerial photos are compared with photos from the previous census to detect grove changes, tree removals and new tree plantings. Each change observed by the photo interpreter is followed by a visit and ground check which usually results in a revised tree count for the grove. The ground checks are performed by experienced field personnel. Acreages are measured from photo enlargements with a digital planimeter. Tree numbers are from actual tree counts of expansions from measured acreage. Block sizes are reduced as necessary for excessive counts of dead trees or empty spaces, as well as barnyards, turn rows, swale ditches and irrigation ponds.

A record for each separate planting or block is maintained in the data system. A new record is created for each new planting, and records of plantings which no longer exist are removed. In non-freeze years, less than one-third of all blocks require a visit to complete the biennial census.

Production areas were redesigned in 1986 to give greater efficiency for objective forecasting purposes. The principal change was to place all the northern freeze-prone regions in a single area. The Indian River Marketing District was set apart, as were the southern flatwoods plantings. This stratification provides greater homogeneity within each sampling stratum.

The Division of Plant Industry assisted in completing this survey with six trained citrus technologists using four wheel-drive vehicles.

